

Converting Colors

Hex(97B9E8)

Have a look what the booklet for
Hex(97B9E8) contains.

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Color

Hex(97B9E8)

Conversions

Conversions Part 1

Format	Color
Hex	97B9E8
RGB	151, 185, 232
RGB Percent	59%, 73%, 91%
CMY	0.4078, 0.2745, 0.0902
CMYK	0.35, 0.20, 0.00, 0.09
HSL	215°, 64%, 75%
HSV	215°, 35%, 91%
XYZ	44.6769, 47.1034, 83.0811
YIQ	180.1920, -35.3510, 7.4090

Conversions

Conversions Part 2

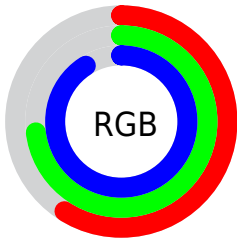
Format	Color
R_{YB}	151, 175, 232
Decimal	9943528
CIE _{Lab}	74.26, -0.27, -27.14
CIE _{LCh}	74, 27.146, 269.428
Yxy	47.1034, 0.2555, 0.2694
Android (android.graphics.Color)	4288133608 (0xFF97B9E8)
YUV	180.1920, 25.5413, -25.6014
Hunter-Lab	68.6319, -3.9087, -23.7300

Details

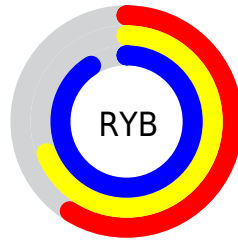
The Hex color **97B9E8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E8C697**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CFF1FF**, and **6184B0** is the 20% darker color. If you saturate the color by 10%, you get **80ACE8**, and if you desaturate by 10%, it is **AEC6E8**.

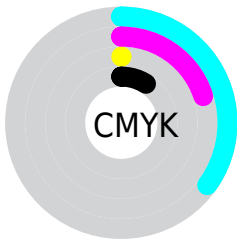
Distribution



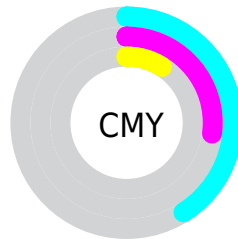
- Red (59%)
- Green (73%)
- Blue (91%)



- Red (59%)
- Yellow (69%)
- Blue (91%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (41%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97B9E8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 97B9E8 by changing the saturation by 10% instead.

■ 97B9E8

■ 97B9E8

FFFFFF

■ 7C9ECC

■ CFF1FF

■ 6184B0

■ ECFFFF

■ 476B95

■ 2B537B

■ 093C62

■ 00274A

■ 001233

■ 00021E

■ 000000

 97B9E8

 97B9E8

 80ACE8

 AEC6E8

 699EE8

 C5D4E8

 5191E8

 DDE1E8

 3A83E8

 F4EFE8

 2376E8

 FFFCE8

 0C68E8

 FFFF8

 0061E8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78C0E1



97B9E8



BAB0E2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97B9E8



E9A69F



92C29D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



97B9E8



E8C697

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



AFBC8B



97B9E8



DEAC8C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97B9E8



E6A5B8



C9B585



78C5B5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97B9E8



CEABD7



C9B585



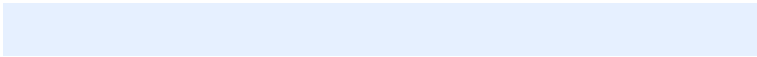
9BC096

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97B9E8



E6F0FF



97E8C5



707780



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97B9E8



94C1FF



9C97E8



676C73



004BB3



001533

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E897B9



FF94C1



E3E897



73676C



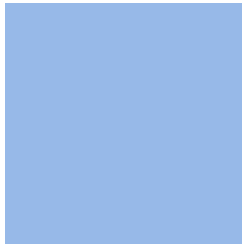
B3004B



330015

Previews

White Background



This preview shows how the Hex color 97B9E8 looks on a white background.

Color Contrast Check

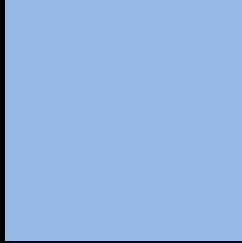
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 97B9E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

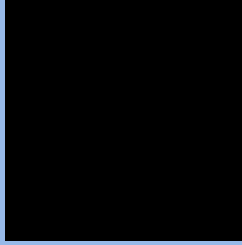
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

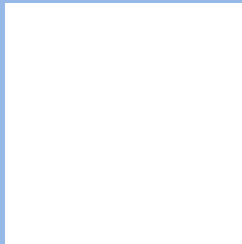
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 97B9E8 Background



This preview shows how black text looks on a background with the Hex color 97B9E8.

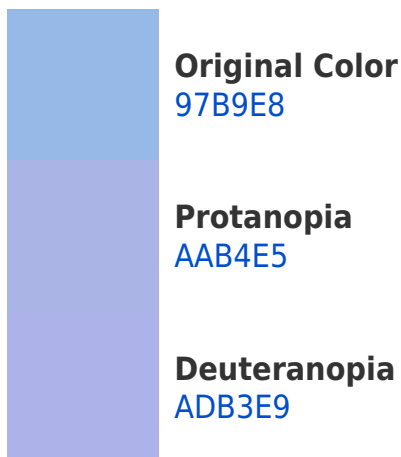


This preview shows how white text looks on a background with the Hex color 97B9E8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

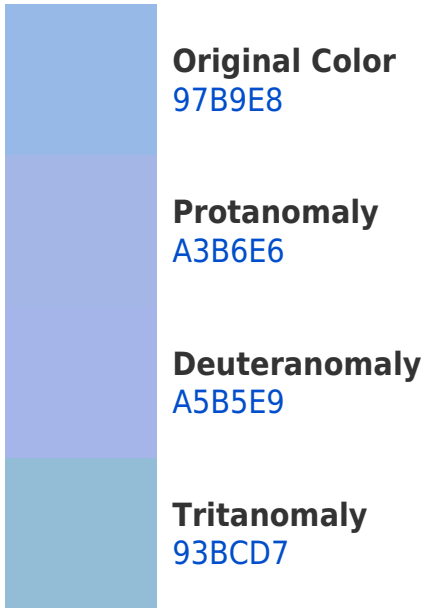
Dichromacy



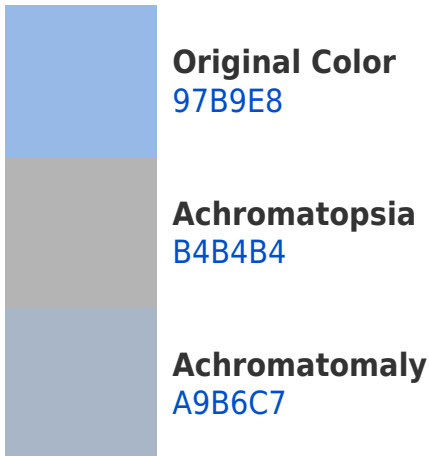


Tritanopia
91BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97B9E8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #97B9E8 looks like.

```
.text, #text, p{  
    color:#97B9E8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #97B9E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B9E8
}
```

Border

The CSS property to change the border of an element to Hex 97B9E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97B9E8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#97B9E8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #97B9E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B9E8; -webkit-box-shadow:4px 4px  
4px 4px #97B9E8; box-shadow:4px 4px 4px  
4px #97B9E8 }
```

Background

The CSS property to change the background color of an element to Hex 97B9E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B9E8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#97B9E8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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